

Title (en)
BOTTOM BRACKET SHELL ASSEMBLY AND BICYCLE

Title (de)
UNTERE HALTERUNGSSCHALENANORDNUNG UND FAHRRAD

Title (fr)
ENSEMBLE BOÎTIER DE PÉDALIER ET BICYCLETTE

Publication
EP 3050787 B1 20180801 (EN)

Application
EP 16153254 A 20160129

Priority
US 201562110323 P 20150130

Abstract (en)
[origin: EP3050787A1] A bottom bracket shell (32, 132, 232) assembly includes left and right sidewalls (38, 40, 338, 340, 438, 440, 538, 540). The left and right sidewalls each include a peripheral rim and a lateral surface (44, 344). The lateral surfaces (44, 344) define a generally circular void. A bearing support is disposed at the voids of the left and right sidewalls (38, 40, 338, 340, 438, 440, 538, 540). Left and right first bosses project away from the left and right sidewalls at a periphery of the lateral surface (44, 344). The first bosses include boss ends configured to connect to a first tubular member. The left and right sidewalls (38, 40, 338, 340, 438, 440, 538, 540) are joined at the peripheral rim to form contiguous front and rear surfaces. The present disclosure maximizes the strength to weight ratio for low modulus frame materials.

IPC 8 full level
B62K 19/34 (2006.01)

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Cited by
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EP 3050787 A1 20160803; **EP 3050787 B1 20180801**; TW 201636255 A 20161016; US 10184522 B2 20190122; US 2016223022 A1 20160804

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